



Transportation Permits Policy Memorandum

Subject: Spread Tandem Axles

Date: January 17, 2003

Policy: TPPM 2001-1 (Revised)

Objectives

To provide increased allowable gross vehicle weight to vehicle combinations consisting of a truck tractor and a tandem axle semitrailer with spreads greater than 8'0" between axles.

Existing Documentation

The following sources contain information related to this subject:

February 11, 1994 Memorandum to all district permit engineers

This memorandum states that tandem axle semitrailers with axle spacings greater than 8'-0" are limited to legal axle weights and legal gross vehicle weight (80,000#) for the combination. This memorandum intended to change Section 302.7 – Tire Capacity of the TPM to 302.8 and add Sections 104.1.19 and 302.7 - Tandem Axle Semitrailer.

Transportation Permits Manual (TPM)

Chapter 1 – General Provisions Relating to Oversize/Overweight Transportation Permit

104 – Permit Denials

104.1 Applications for transportation permits may be denied under the following conditions unless authorized by Headquarters:

104.1.15

Extralegal weight will be moved on hauling equipment incorporating fixed in line axles with a dimension greater than 10'0" between the first and last axle on any given unit unless all axles outside the 10'0" dimension are steerable. On tandem axles with spacings greater than 8'0", weight will be restricted to that allowed in the California Vehicle Code.

104.1.19 (Per February 11, 1994 Memorandum)

On tandem axles incorporated on a conventional semi-trailer, regardless of whether the trailer is a flatbed or lowboy design, with axle spacings greater than 8'0". Semitrailers whose axles exceed 8'0" will be restricted to legal axle weight and legal gross weight.

Existing Documentation (Continued)

Transportation Permits Manual (TPM)

Chapter 3 – Vehicle Qualification and Inspection

Section 302.7 - Tandem Axle Semitrailer (Per February 11, 1994 Memorandum)

Extralegal weight is not authorized on semitrailers that incorporate a tandem axle assembly that exceeds an 8'0" spacing between the axles. Axle spacings greater than 8'0" will be considered two single axles and not a tandem axle assembly. Hauling combinations that use semitrailers with spread axles greater than 8'-0" are limited to legal axle weight and legal gross weight.

Transportation Permit Manual Changes

- 1) Change Section 104.1.19 below to read as follows:

Chapter 1 – General Provisions Relating to Oversize/Overweight Transportation Permit

104 – Permit Denials

104.1 Applications for transportation permits may be denied under the following conditions unless authorized by Headquarters:

104.1.19

The request does not comply with section 302.7.

- 2) Change Section 302.7 to read as follows:

302.7 - Tandem Axle Semitrailer

Extralegal axle weight is authorized on tandem axle semitrailers that do not exceed an 8'0" spacing between axles. Axle spreads greater than 8'0" apart are considered two single axles, and are limited to the axle weights allowed in the California Vehicle Code. Combinations that use a tandem axle semitrailer with spreads greater than 8'0" between axles are allowed maximum chart weight on the drive axles of the truck tractor only.

Original Signed by

January 17, 2003

AARON NICHOLSON, Chief
Transportation Permits

Date